

Polycom® MGC™-25 / MGC™-50 / MGC™-100

Features and Benefits



Platform

(MGC-50, MGC-100) Open, flexible architecture with front accessible, hot swappable, self configuring resource modules in a rack mounted chassis	<ul style="list-style-type: none">• Provides for unified conferencing across multiple network protocols (ISDN, PSTN, IP – SIP, H.323)• Enables custom configurations of voice, video, data, Web applications, or any combination thereof• Easy install for upgrades or replacement modules• Increased redundancy – modules can be replaced without affecting ongoing conference• Flexible migration path to meet changing or growing requirements
(MGC-25) Pre-set configurations in a plug-and-play 19" 2U chassis with LCD and keypad on front panel for easy configuration	<ul style="list-style-type: none">• Pre-configured, plug-and-play• Minimal rack space• Simple installation process with start up configuration wizard• Cost effective solution
Integrated voice, video, data and Web conferencing and collaboration on the same platform (MGC-25, 50, 100)	<ul style="list-style-type: none">• Lower cost of ownership• Ease of management• True unified conferencing experience
Multi-network support for switched, dedicated and packet networks (IP – H.323, SIP, ISDN/PSTN) on all MGC platforms	<ul style="list-style-type: none">• Protects investment• Flexible options to deliver conferencing services over any network connection• Easy migration to IP based services
Hardware and software shared resource architecture	<ul style="list-style-type: none">• Complete back up of all resources with automatic re-allocation (MGC-50/100 only)• Cost effective – conferencing services can be leveraged across a whole range of ISDN video, IP video, PSTN voice, VoIP voice and unified applications
Firewall Security (MGC-50, MGC-100 only)	<ul style="list-style-type: none">• Works with existing data firewalls• Integrated solution• Check-mark certified
Higher Capacity Modules (MGC-50, 100 only)	<ul style="list-style-type: none">• New MUX+ module offer increased capacity
XML API	<ul style="list-style-type: none">• Comprehensive API for custom software integration

Network

Full, automatic transcoding of network protocols, data rates, frame rates, video resolutions, audio algorithms and video algorithms Polycom Pro-Motion™ video	<ul style="list-style-type: none">• Reliability of conference connection is significantly improved• Every participant is able to connect to the conference at optimum capability• End user is shielded from complexity of call set-up• Complete support for all applications and endpoints over mixed networks
Polycom Packet Commander IP processing technology	<ul style="list-style-type: none">• Increased quality of service• Should the video stream suffer from missing, out of sequence or duplicate packets, Packet Commander technology can address these issues prior to redistribution of the video stream• IP precedence and Diffserv support
AES - Advanced encryption	<ul style="list-style-type: none">• Standards based encryption in both IP and ISDN networks
MGC Manager	<ul style="list-style-type: none">• Client-based software included with every MGC platform• Cost-effective scheduling and management of MGCs
Video Standards Support <ul style="list-style-type: none">- Pro-Motion – 60 fields per second- H.239 (People+Content™)- H.264- 4CIF, XGA- Far End Camera Control (FECC)	<ul style="list-style-type: none">• Highest quality video• Network interoperability ensured• Improved user experience



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Network (cont)

Audio Standards Support	<ul style="list-style-type: none"> • Wide range of standards – G.711, G.722, G.728, G.723, G.729, Siren™7, Siren14 • Highest quality audio • Network interoperability ensured • Improved user experience
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Ease Of Use /Advanced Features

Optional Video+ module for Advanced CP, Click&View™ and Transcoding	<ul style="list-style-type: none"> • More productive conferencing • Enhanced Continuous Presence with visual effects that include choice of 27 CP layouts, borders, site names, speaker indication, background colors • Click&View enables each participant to select their own personal layout on the fly • Full, automatic transcoding for all video algorithms
Audio+ module	<ul style="list-style-type: none"> • More productive conferencing • IVR/DTMF support for both voice and video conference endpoints • Full, automatic transcoding for all audio algorithms
Voice and Video IVR/DTMF capabilities, with same end user interfaces	<ul style="list-style-type: none"> • Same set of controls for both voice and video conferencing makes conferencing more productive • Minimizes training
Silence IT Audio Feature	<ul style="list-style-type: none"> • Mutes music on hold and noisy lines automatically in a conference
Single Number per Conference	<ul style="list-style-type: none"> • One number dialing for both voice and video conferencing • Makes it easy for users to conference from any device • On demand conferencing available
On Demand conferencing	<ul style="list-style-type: none"> • Increases employee productivity • Enables users to initiate an “instant” conference from any endpoint • No scheduling barriers
Scheduled conferencing	<ul style="list-style-type: none"> • Ease of Use • Web-based scheduling and management for both end-users and administrators with Polycom ReadManager™ LX100 • Allows end users to schedule and manage conferences via the Web or through Microsoft® Outlook®
Polycom WebOffice™ integration	<ul style="list-style-type: none"> • Provides desktop PC access to the conference with personal web portal for Web collaboration • Presence-based with Buddy List and IM • Conference control moves completely to the end user

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